

CONDUCTORS - ALUMINIUM

Code Name	Diameters (mm)	Stranding Number and Wire Diameters		Cross Section (mm ²)	Breaking Load		Weight (kg/mt)	Current Rating Amps
		No.	(mm)		(kg)	(kN)		
	4.05	7	1.35	10.01	173	1.697	0.027	
	4.50	3	2.10	10.39	180	1.766	0.029	
	4.50	7	1.50	12.37	214	2.099	0.034	
	4.80	7	1.60	14.07	243	2.383	0.039	
	4.84	3	2.25	11.92	202	1.981	0.033	
	4.95	3	2.30	12.44	215	2.109	0.034	
	5.00	19	1.00	14.92	252	2.472	0.041	
	5.05	3	2.35	13.01	225	2.207	0.036	
	5.10	7	1.70	15.90	287	2.815	0.044	
	5.37	3	2.50	14.72	250	2.452	0.040	
	5.40	7	1.80	17.81	308	3.021	0.049	
	5.60	3	2.60	15.93	268	2.629	0.044	
	5.70	7	1.90	19.85	339	3.326	0.055	
Rose	5.88	7	1.96	21.15	410	4.022	0.058	130
	6.00	7	2.00	21.99	369	3.620	0.050	
	6.00	19	1.20	21.48	364	3.571	0.059	
	6.02	3	2.80	18.47	314	3.080	0.051	
Midge	6.17	7	2.06	23.22	428	4.199	0.064	139
	6.25	3	2.90	19.82	333	3.267	0.055	
	6.30	7	2.10	24.25	415	4.071	0.067	
Conops	6.45	3	3.00	21.16	362	3.551	0.058	
Lily	6.60	7	2.20	26.67	503	4.934	0.073	150
Gnat	6.63	7	2.21	26.83	485	4.758	0.074	152
	6.75	7	2.25	27.82	467	4.581	0.077	
	6.75	19	1.35	27.19	460	4.513	0.075	
	6.90	3	2.20	24.13	394	3.865	0.066	
	7.05	7	2.35	30.36	510	5.003	0.083	
	7.20	7	2.40	31.67	542	5.317	0.087	
Aphis	7.21	3	3.35	26.48	444	4.356	0.073	154
Iris	7.44	7	2.48	33.63	621	6.092	0.093	170
	7.50	7	2.50	34.40	576	5.650	0.095	
Mosquito	7.77	7	2.59	36.90	648	6.357	0.102	185
Weevil	7.89	3	3.66	31.52	520	5.101	0.087	172
	8.00	19	1.60	38.20	646	6.337	0.105	
	8.10	7	2.70	40.08	666	6.533	0.113	
Pansy	8.34	7	2.78	42.41	760	7.456	0.117	200
Ladybird	8.38	7	2.79	42.92	740	7.259	0.118	203
	9.00	7	3.00	49.48	799	7.838	0.136	
	9.00	19	1.80	48.35	874	8.574	0.133	
Ant	9.30	7	3.10	52.79	890	8.731	0.146	231
Poppy	9.36	7	3.12	53.48	939	9.211	0.147	230
	9.45	7	3.15	54.60	863	8.466	0.150	
	9.60	7	3.20	56.41	919	9.015	0.153	
	10.00	19	2.00	56.69	982	9.633	0.153	
Fly	10.21	7	3.40	63.68	1050	10.300	0.175	259
	10.50	19	2.10	65.82	1102	10.810	0.181	
Aster	10.53	7	3.51	67.73	1157	11.350	0.187	270
	10.65	7	3.55	69.30	1100	10.791	0.191	
Bluebottle	10.97	7	3.66	73.55	1200	11.722	0.203	284
	11.20	37	1.60	74.39	1205	11.821	0.206	
	11.25	19	2.25	75.54	1243	12.193	0.208	
Earwig	11.35	7	3.78	78.74	1275	12.507	0.217	296
	11.50	19	2.30	78.94	1321	12.960	0.218	
Grasshopper	11.73	7	3.91	84.12	1355	13.292	0.232	308
	11.75	19	2.35	82.41	1366	13.400	0.226	
Phlox	11.79	7	3.93	85.03	1429	14.020	0.234	310
	12.50	19	2.50	93.20	1577	15.470	0.256	